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PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission 153

Application Number	10/536,708
Filing Date	5/27/2005
First Named Inventor	Horvatic, et al.
Art Unit	
Examiner Name	
Attorney Docket Number	fraunh01.051

**ENCLOSURES (Check all that apply)**

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
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<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
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**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	Gordon E. Nelson, Patent Attorney, PC		
Signature	<i>Gordon E. Nelson</i>		
Printed name	Gordon E. Nelson		
Date	10/3/2005	Reg. No.	30,093

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(fraunh01.051)

**Applicant:** Horvatic, et al.

**Paper No.:**

**Application No:** 10/536,708

**Group Art Unit:**

**Filed:** 5/27/2005

**Examiner:**

**Title:** *Watermarking digital representations that have undergone lossy compression*

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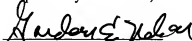
Commissioner for Patents  
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**Certification under 37 C.F.R. 1.97(b)**

Applicants' attorney hereby certifies that the items of information contained in the attached information disclosure is being filed in the above patent application within one of the following time periods:

- ☐ (1) Within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d);
- ☐ (2) Within three months of the date of entry of the national stage as set forth in §1.491 in an international application;
- ☒ (3) Before the mailing of a first Office action on the merits; or
- ☐ (4) Before the mailing of a first Office action after the filing of a request for continued examination under §1.114.

Respectfully submitted,

  
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October 3, 2005  
Date



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Gordon E. Nelson, #30,093

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OCT 05 2005

PTO/SB/08a (08-03)

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Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

*(Use as many sheets as necessary)*

Sheet	1	of	2
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**Complete if Known**

Application Number	10/536,708
Filing Date	5/27/05
First Named Inventor	Horvatic, et al.
Art Unit	
Examiner Name	
Attorney Docket Number	fraunh01.051

## U. S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

Examiner Signature	/Yubin Hung/	Date Considered	06/24/2010
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USPTO form 1449B/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 2 of 2

Complete if Known	
Application Number	10/536,708
Filing Date	5/27/05
First Named Inventor	Horvatic, et al.
Art Unit	
Examiner Name	
Attorney Docket Number	fraunh01.051

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
/Y.H./		CHANGSHENG ZU, YONGWEI ZHU, DAVID DAGAN FENG, "Digital Audio Watermarking Based-on Multiple-Bit Hopping and Human Auditory System," <a href="http://www.acm.org/sigmm/mm2001/ep/xu/">http://www.acm.org/sigmm/mm2001/ep/xu/</a> [11/18/2003]	
		D. K. KOUKOPOULOS and Y. C. STAMATIOU, "A Compressed-Domain Watermarking Algorithm for Mpeg Audio Layer 3," Computer Technology Institute and Patras University, 2001	
		SUNIL MOHAN ADAPA, "Useful information embedding in images using watermarks," <a href="http://students.iit.net/~mohan/watermarking.html">http://students.iit.net/~mohan/watermarking.html</a> [11/21/2003]	
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		MUNETOSHI IWAKIRI, KINEO MATSUI, "Digital Watermark Scheme for High Quality Audio Data by Spectrum Spreading and Modified Discrete Cosine Transform," IPSJ Journal Abstract Vol. 39, No.09-009 <a href="http://www.ipsj.or.jp/members/Journal/Eng/2009/article009.html">http://www.ipsj.or.jp/members/Journal/Eng/2009/article009.html</a> [11/21/2003]	
		HERBERT BUCHNER, "Image and Video Watermarking," Telecommunications Seminar WS 1998	
		FRANK HARTUNG, "Multimedia Watermarking Techniques." Proceedings of the IEEE, Vol. 87, No.7, July 1999	

Examiner  
Signature

/Yubin Hung/

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06/24/2010

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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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